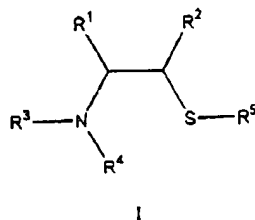


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An aminothiols compounds, having a general formula I,



wherein R¹ is aryl or alkyl of C1-C9;

R² is aryl or alkyl of C1-C9;

wherein R² is not phenyl as R¹ is methyl or phenyl;

~~R³ is methyl;~~

~~R⁴ is methyl; or~~

R³, R⁴ and N form ~~piperidine~~ pyrrolidinyl, morpholinyl or piperidyl; and

R⁵ is H or methyl.

Claim 2 (previously amended): The aminothiols compound as claimed in claim 1, wherein R¹ is benzyl or alkyl of C1-C6.

Claim 3 (previously amended): The aminothiols compound as claimed in claim 1, wherein R² is phenyl or alkyl of C1-C6.

Claims 4-8 (canceled)

Claim 9 (original): The aminothiols compound as claimed in claim 1, which is used for catalyzing an asymmetric addition reaction of an organic metal compound and aldehyde.

Claim 10 (original): The aminothiols compound as claimed in claim 9, wherein said organic metal is Zn or Cu.

Claim 11 (new): The aminothiols compound as claimed in claim 1, wherein R¹ is

i-propyl; R² is selected from the group consisting of methyl, n-butyl, i-propyl and phenyl; R³, R⁴ and N form pyrrolidinyl; and R⁵ is H.

Claim 12 (new): The aminothiol compound as claimed in claim 1, wherein R¹ is methyl or n-butyl; R² is i-propyl; R³, R⁴ and N form pyrrolidinyl; and R⁵ is H.

Claim 13 (new): The aminothiol compound as claimed in claim 1, wherein R¹ is phenyl; R² is phenyl; R³, R⁴ and N form pyrrolidinyl or morpholinyl; and R⁵ is H.

Claim 14 (new): The aminothiol compound as claimed in claim 1, wherein R¹ is methyl or i-butyl; R² is phenyl; R³, R⁴ and N form piperidyl; and R⁵ is H.

Claim 15 (new): The aminothiol compound as claimed in claim 1, wherein R¹ is benzyl; R² is phenyl; R³, R⁴ and N form a heterocycle selected from the group consisting of piperidyl, pyrrolidinyl and morpholinyl; and R⁵ is H.

Claim 16 (new): The aminothiol compound as claimed in claim 1, wherein R¹ is i-propyl; R² is phenyl; R³, R⁴ and N form a heterocycle selected from the group consisting of piperidyl, pyrrolidinyl and morpholinyl; and R⁵ is H.

Claim 17 (new): The aminothiol compound as claimed in claim 1, wherein R¹ is i-propyl; R² is i-propyl; R³, R⁴ and N form piperidyl; and R⁵ is H.